

## **AMENDMENTS TO THE SPECIFICATION**

Following the title, please replace the first paragraph with the following:

### **CROSS REFERENCE TO RELATED APPLICATIONS**

This application is a Rule 371 national phase of International Application No. PCT/AU2004/001480, filed October 27, 2004, which was published in English as International Publication No. WO 2005/040198, and claims the benefit of Australian Application No. 2003905932, filed October 27, 2003. The entire disclosures of both applications are incorporated by reference herein.

Please amend the specification as shown:

Please delete the paragraph on page 6, line 4 and replace it with the following paragraph:

Figure 6 shows the amino acid sequence of  $\beta$ c (**SEQ ID NO: 1**).

Please delete the paragraphs on page 12, lines 23 to page 14, line 24 and replace them with the following paragraphs:

In another embodiment of the present invention, it is preferred that the motif is selected from any one of the following sequences:

NGPYLG.....PP..HSRSLP (**SEQ ID NO: 2**)  
NVHYRT.....P...KTHTMP (**SEQ ID NO: 3**)  
\*\*RYFTQKEE.....TESGSGP (**SEQ ID NO: 4**)  
NKKYELQDRDVCE....P.RYRSVSEP (**SEQ ID NO: 5**)  
NPTY SVM.....RSHSYP (**SEQ ID NO: 6**)  
NIFYLIR...KSGSFPMPELKLSIFP (**SEQ ID NO: 7**)  
NEEYLDLSQ.....PLEQYSPSYP (**SEQ ID NO: 8**)  
NQEYLDLSM.....PLDQYSPSFP (**SEQ ID NO: 9**)  
NATYKVD.....VIQRTRSKP (**SEQ ID NO: 10**)  
NPEY.....HSASSGP (**SEQ ID NO: 11**)  
NPDY.....WNHSLP (**SEQ ID NO: 12**)  
NPSYSSNPFVNYN....KTSICKSNP (**SEQ ID NO: 13**)  
NTLY.....FNSQSSP (**SEQ ID NO: 14**)

NPVYQKTTEDEVHL...CHNQDGYSPY (SEQ ID NO: 15)  
NPVYLKTTEEDLSIDIG..RH.SASVG (SEQ ID NO: 16)  
NPTYKMYEGGEPDDVGGLLDADFALDPDKPTNFTNPVY (SEQ ID NO: 17)  
NPIY.....KSAVTTVV (SEQ ID NO: 18)  
NPLY.....KSAITTTV (SEQ ID NO: 19)  
NPLY.....KEATSTFT (SEQ ID NO: 20)  
NPLY.....RKPISTHT (SEQ ID NO: 21)  
NPLY.....RGSTSTFK (SEQ ID NO: 22)  
PGHYL.....RCDSTQP (SEQ ID NO: 23)  
VQTYVLQ.....GDPRAVSTQP (SEQ ID NO: 24)  
QVLYGQLL.....GSPTSP (SEQ ID NO: 25)  
HSGYRHQVPSVQVF....SRSESTOP (SEQ ID NO: 26)  
WKMYEVYDA.....KS.KSVSLP (SEQ ID NO: 27)  
KIPYFHA.....GGS.KCSTWP (SEQ ID NO: 28)  
ELDYCLKGLKL.....P.S.RTWSP (SEQ ID NO: 29)  
SGDYMPM.....SPKSVSAP (SEQ ID NO: 30)  
SFYYSEENKLPEPEELDLEPENMESVP(LDPSASSSLP) (SEQ ID NO: 31)  
EEIYIIM.....QSCWAFDSRKRPSP (SEQ ID NO: 32)  
ISQYLQN.....S.KRKSRP (SEQ ID NO: 33)  
GTAY.....GLSRSP (SEQ ID NO: 34)  
\*\*\*YLPQEDWAP.....TSLTRP (SEQ ID NO: 35)  
LVAYIAFKRWNSCKQN...KQGANSRPVNQTPPEGEKHLHSDSGIS (SEQ ID NO: 36)

The sequences may correspond to the following:

betaR ....	NGPYLG.....PP..HSRSLP ( <u>SEQ ID NO: 2</u> )
Acetylcholine R	NVHYRT.....P...KHTTMP ( <u>SEQ ID NO: 3</u> )
Acetylcholine R alpha-5	**RYFTQKEE.....TESGSGP ( <u>SEQ ID NO: 4</u> )
C-C chemokine receptor 6	NKKYELQDRDVCE....P.RYRSVSEP ( <u>SEQ ID NO: 5</u> )
Middle T antigen	NPTY SVM.....RSHSYP ( <u>SEQ ID NO: 6</u> )
integrin alpha 1	NIFYLIR...KSGSFPMPKLSISFP ( <u>SEQ ID NO: 7</u> )
FGFR2 (KGF R)	NEEYLDLSQ.....PLEQYSPSY ( <u>SEQ ID NO: 8</u> )
FGFR1 (flg)	NQEYLDLSM.....PLDQYSPSP ( <u>SEQ ID NO: 9</u> )
FGFR5	NATYKVD.....VIQRTRSKP ( <u>SEQ ID NO: 10</u> )
Erb4	NPEY.....HSASSGP ( <u>SEQ ID NO: 11</u> )
Erb4 (second)	NPDY.....WNHSLP ( <u>SEQ ID NO: 12</u> )
Vaccinia virus protein A36R	NPSYSSNPFFVNYN....KTSICSKSNP ( <u>SEQ ID NO: 13</u> )
Macrophage mannose R (MRC1)	NTLY.....FNSQSSP ( <u>SEQ ID NO: 14</u> )
LDLR	NPVYQKTTEDEVHL...CHNQDGYSPY ( <u>SEQ ID NO: 15</u> )
VLDL (rat)	NPVYLKTTEEDLSIDIG..RH.SASVG ( <u>SEQ ID NO: 16</u> )
LRP1 <sup>low density lipoprotein receptor-related protein 1</sup>	NPTYKMYEGGEPDDVGGLLDADFALDPDKPTNFTNPVY ( <u>SEQ ID NO: 17</u> )
integrin beta 1	NPIY.....KSAVTTVV ( <u>SEQ ID NO: 18</u> ) (end of protein)
interin beta 7	NPLY.....KSAITTTV ( <u>SEQ ID NO: 19</u> ) (end of protein)
integrin beta 3	NPLY.....KEATSTFT ( <u>SEQ ID NO: 20</u> ) (end of protein)
integrin beta 5	NPLY.....RKPISTHT ( <u>SEQ ID NO: 21</u> ) (end of protein)
integrin beta 6	NPLY.....RGSTSTFK ( <u>SEQ ID NO: 22</u> )

G-CSFR1 (second)	PGHYL.....RCDSTQP ( <u>SEQ ID NO: 23</u> )
G-CSFR1	VQTYVLQ.....GDPRAVSTQP ( <u>SEQ ID NO: 24</u> )
g-csf-r	QVLYGQLL.....GSPTSP ( <u>SEQ ID NO: 25</u> )
IL-6B (gp130)	HSQYRHQVPSVQVF.....SRSESTQP ( <u>SEQ ID NO: 26</u> )
leptinR.	WKMYEVYDA.....KS.KSVSLP ( <u>SEQ ID NO: 27</u> )
prolactinR...	KIPYFHA.....GGS.KCSTWP ( <u>SEQ ID NO: 28</u> )
insulinR	ELDYCLKGLKL.....P.S.RTW\$PP ( <u>SEQ ID NO: 29</u> )
irs-1 ....	SGDYMPM.....SPKSV\$AP ( <u>SEQ ID NO: 30</u> )
IGFI R	SFYYSEENKLPEPEELDLEPENMESVP(LDPSASS\$SLP) ( <u>SEQ ID NO: 31</u> )
flt3 R	EELIYIIM.....QSCWAFDSRKRP\$FP ( <u>SEQ ID NO: 32</u> )
VEGFR2 (FLK1)	ISQYLQN.....S.KRKSRP ( <u>SEQ ID NO: 33</u> )
PDGF R-alpha	GTAY.....GLSR\$QP ( <u>SEQ ID NO: 34</u> )
IL-9R	***YLPQEDWAP.....TSLTRP ( <u>SEQ ID NO: 35</u> )
p75 NTR	
LVAYIAFKRWNSCKQN...KQGANSRPVNQTPPPEGEKLH\$DSGIS(phosphorylated)( <u>SEQ ID NO: 36</u> )	

More particularly, the binding motif or an equivalent may have any one of the following sequences.

NGPY (SEQ ID NO: 37)  
NVHY (SEQ ID NO: 38)  
\*\*RY  
NKKY (SEQ ID NO: 39)  
NPTY (SEQ ID NO: 40)  
NIFY (SEQ ID NO: 41)  
NEEY (SEQ ID NO: 42)  
NQEY (SEQ ID NO: 43)  
NATY (SEQ ID NO: 44)  
NPEY (SEQ ID NO: 45)  
NPDY (SEQ ID NO: 46)  
NPSY (SEQ ID NO: 47)  
NTLY (SEQ ID NO: 48)  
NPVY (SEQ ID NO: 49)  
NPIY (SEQ ID NO: 50)  
NPLY (SEQ ID NO: 51)